

I/We Claim,

1. A water filter, comprising:
 - a first opening for connecting to a faucet;
 - a cartridge having filter media;
 - a float portion residing on top of said cartridge, said float portion adapted to move up off the cartridge during water flow;
 - a magnet on said float portion;
 - a switch in communication with said magnet, wherein said magnet activates said switch during water flow;
 - a processor electrically connected to said switch wherein said processor tracks the time water flows through the filter;
 - wherein said float portion returns to the top of said cartridge when water is not flowing through said filter.
2. A water filter according to claim 1, further comprising:
 - a group of LEDs for indicating the status of the filter.
3. A water filter according to claim 2, wherein said group of LEDs is further comprised of:
 - a green LED;
 - a yellow LED; and
 - a red LED.
4. A water filter according to claim 1, further comprising:

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a body portion for enclosing said cartridge;

a space interposed between said body portion and said cartridge;

wherein said float is adapted to reside in a portion of said space so that when water flows into said filter, water fills said space moving said float portion off said cartridge allowing water to flow into said cartridge.

5. A water filter according to claim 4, wherein said cartridge is comprised of openings in the top of said cartridge for allowing water to enter said cartridge; and

wherein said cartridge has openings in the bottom of said cartridge for allowing water to leave said cartridge after being filtered by said filter media.

6. A water filter according to claim 1, further comprising:

a spring operably connected to a top portion of said float portion for pushing said float portion back to the top of said cartridge when water flow stops.

7. A water filter, comprising:

a cartridge having filter media;

a first portion residing on top of said cartridge, said first portion adapted to move up off the cartridge during water flow;

a magnet on said first portion;

a switch in communication with said magnet, wherein said magnet activates said switch during water flow;

a processor electrically connected to said switch wherein said processor tracks the time water flows through the filter;

wherein said first portion returns to the top of said cartridge when water is not flowing through said filter.

8. A water filter according to claim 7, further comprising:

a group of LEDs for indicating the status of the filter.

9. A water filter according to claim 8, wherein said group of LEDs is further comprised of:

a green LED;

a yellow LED; and

a red LED.

10. A water filter according to claim 7, further comprising:

a body portion for enclosing said cartridge;

a space interposed between said body portion and said cartridge;

wherein said first portion is adapted to reside in a portion of said space so that when water flows into said filter, water fills said space moving said first portion off said cartridge allowing water to flow into said cartridge.

11. A water filter, comprising:

a cartridge having filter media;

a float portion residing on top of said cartridge, said float portion adapted to move up off the cartridge during water flow;

a magnet on said float portion;

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a switch in communication with said magnet, wherein said magnet activates said switch during water flow;

a processor electrically connected to said switch wherein said processor tracks the time water flows through the filter;

wherein said float portion returns to the top of said cartridge when water is not flowing through said filter;

a group of LEDs for indicating the status of the filter;

a body portion for enclosing said cartridge;

a space interposed between said body portion and said cartridge;

wherein said float is adapted to reside in a portion of said space so that when water flows into said filter, water fills said space moving said float portion off said cartridge allowing water to flow into said cartridge.